

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	924	((fingerprint with scan\$4) same (card near5 reader)) same (((iris or retina or hand or voice) with scan\$4) same (card near5 reader))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:52
L2	748	((fingerprint with scan\$4) same (card near5 reader)) same (((iris or retina or hand or voiceprint) with scan\$4) same (card near5 reader))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:53
L3	769	((fingerprint with scan\$4) same (card near5 reader)) and (((iris or retina or hand or voiceprint) with scan\$4) same (card near5 reader))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:53
L4	642	((fingerprint with scan\$4) same (card near5 reader)) same (((iris or retina) with scan\$4) same (card near5 reader))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:53
L5	4	((fingerprint with scan\$4) same (card near5 reader)) and (((iris or retina or hand or voiceprint) with scan\$4) same (card near5 reader)) and ((subsequent\$3 sequential\$3 consecutive\$3 ) with (authenticat\$4 validat \$4) same (card ) same (biometric))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:59
S1	2	"10246041"	DERWENT	OR	ON	2008/09/27 11:14
S2	35	"044892"	DERWENT	OR	ON	2008/09/27 11:17
S3	1	"09044617"	DERWENT	OR	ON	2008/09/27 11:19
S4	3	"2003044892"	DERWENT	OR	ON	2008/09/27 11:21
S7	417	726/19.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 12:00

S8	3	double near5 (authenticat\$5) same(face or fingerprit or DNA )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 13:56
S11	239	S7 and (authenticat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 13:58
S14	183	S11 and password	US-PGPUB; USPAT	OR	ON	2008/09/27 14:00
S17	254204	S7( organism)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 14:02
S20	11063	(organisam or finger or face or eye ) near5 (authenticat\$5 or confirm\$5 or validat\$5 or verif\$5 or attest\$5 or justf \$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 14:09
S21	19	S7 and S20	US-PGPUB; USPAT	OR	ON	2008/09/27 14:09
S22	7688	(authenticat\$5 or confirm\$5 or validat\$5 or verif\$5 or attest\$5 or justf\$5)near5 (face or eye or finger or DNA )same (password or id or tag)	US-PGPUB; USPAT	OR	ON	2008/09/27 14:34
S23	3763	double near5( authenticat\$5 or confirm\$5 or validat\$5 or verif\$5 or attest\$5 or justf \$5)	US-PGPUB; USPAT	OR	ON	2008/09/27 14:39
S24	82	S22 same S23	US-PGPUB; USPAT	OR	ON	2008/09/27 14:40
S25	8682	S7 asme S24	US-PGPUB; USPAT	OR	ON	2008/09/27 14:40
S26	0	S7 and S24	US-PGPUB; USPAT	OR	ON	2008/09/27 14:40
S27	2385	S25 and (password or id or tag or key )	US-PGPUB; USPAT	OR	ON	2008/09/27 14:41
S28	25	S27 and ( ( permission or admition or permit or permitted ) same (authentication or authenticated or authenticating ) same (key or id or tag))	US-PGPUB; USPAT	OR	ON	2008/09/27 14:44
S29	401	S27 and S7	US-PGPUB; USPAT	OR	ON	2008/09/27 15:04
S31	401	S29 and S7	US-PGPUB; USPAT	OR	ON	2008/09/27 15:06

S32	41	S7 and (biometrics near5 authenticat\$5)	US-PGPUB; USPAT	OR	ON	2008/09/27 15:32
S33	171	(access near5 (content or things or data or system) same (authenticate or authenticated or authenticating )same (finger or face or eye or DNA or organ ))	US-PGPUB; USPAT	OR	ON	2008/09/27 15:57
S35	418	S7 and33	US-PGPUB; USPAT	OR	ON	2008/09/27 15:57
S36	2	S7 and S33	US-PGPUB; USPAT	OR	ON	2008/09/27 15:58
S38	175	"5280527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 14:07
S39	158	"5280527" and gullman	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 14:07
S40	3	"20020073213"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 14:45
S41	8328	(finger or face or DNA or eye or retina or thumb )near5 ( authenticat\$5 or validat\$5 or confermassion or conformetted or conforming )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:14
S42	3580	( authenticat\$5 or validat\$5 or confermassion or conformetted or conforming ) near4 (generat\$5 or produc \$5 or issu\$5 ) near5 ( password or id or tag or medium )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:19
S43	15175	( authenticat\$5 or validat\$5 or confermassion or conformetted or conforming ) near4 (medium or pass)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:20
S44	171	( authenticat\$5 or validat\$5 or confermassion or conformetted or conforming ) near4 (medium or pass) near5 ( access\$4 or allow\$4 or enter\$4 ) near4 (content or database or comptuer )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:26

S46	171	S43 same S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:28
S47	15	S41 same S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:28
S48	5	S41 same S42 same S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:29
S49	1578	713/182.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:44
S50	44	S49 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 17:45
S51	2749	(mutliadj1( authenticat\$5 or validat\$5 or confermassion or conformetted or conforming ))near4 (access \$4 or allow\$4 or permit\$5 ) near(content or database or storage or syetem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 18:04
S52	74	S51 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 18:05
S53	418	726/19.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 18:08
S54	9	S51 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 18:08
S55	30	(biometric) near5 ( authenticat\$5 or validat\$5 or confermassion or conformetted or conforming ) near5 (product\$4 or generat \$4 ) near5 (password or id or pass)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 18:12

S66	8	((biometrics near5 authenticat\$5)near5 (generat\$4 or produc\$4 )near4 ((authenticat\$4)near1(password or id or key))	US-PGPUB; USPAT	OR	ON	2008/10/01 18:36
S67	3	((fingerprints or images near5 authenticat\$5)near5 (conform\$4 or affirmative or confirmative or approv\$4 )near4 ((authenticat\$4 or verif\$4 or validat\$4 or endors\$4 or justif\$4 or document\$4)near4(password or id or key))	US-PGPUB; USPAT	OR	ON	2008/10/02 07:58
S61	13	((finger or face or eye or image )near5 (confor\$4 or affirmative or confirmat\$5 or predicat\$5 )near5 ( authenticat\$5 or validat\$5 or issuing or issued or generat\$4)near5(password or key or id)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:09
S62	188	"5623552"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:20
S64	111	"6219439"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:21
S65	55	"6332193"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:21
S67	0	("200344892").PN.	DERWENT	OR	OFF	2008/10/02 12:35
S68	0	("JP-10246041-\$.did. ").PN.	DERWENT	OR	OFF	2008/10/02 12:38
S69	1	JP-10246041-\$.did.	DERWENT	OR	ON	2008/10/02 12:38
S70	1	JP-2003044892-\$.did.	DERWENT	OR	ON	2008/10/02 12:40
S71	1	"10565884"	US-PGPUB; USPAT	OR	ON	2008/10/02 16:13
S72	15	"6762684"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 17:07

S73	25	"6038315"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 17:08
S74	0	JP-1997044617-\$.did.	DERWENT	OR	ON	2008/10/02 18:35
S75	0	JP-1999044617-\$.did.	DERWENT	OR	ON	2008/10/02 18:36
S76	1	JP-09044617-\$.did.	DERWENT	OR	ON	2008/10/02 18:36
S77	1069	713/155.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/05 14:02
S78	7715	(authenticat\$5 or confirm\$5 or validat\$5 or verif\$5 or attest\$5 or just\$5)near5 (face or eye or finger or DNA )same (password or id or tag)	US-PGPUB; USPAT	OR	ON	2008/10/05 14:02
S81	0	S77 and "I22"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/05 14:03
S82	0	S77 and "I22"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/05 14:03
S83	0	S77 same "I20"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/05 14:03
S84	72	S77 and (biometric near4 (authenticat\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/05 14:04
S88	11288	(bio\$1metric biometric face finger\$print fingerprint) near20 ( authenticat\$10 )	US-PGPUB; USPAT	OR	ON	2009/06/23 14:12
S89	2562	(bio\$1metric biometric face finger\$print fingerprint) near20 ( authenticat\$10 ) near20 ( smart ic ( card))	US-PGPUB; USPAT	OR	ON	2009/06/23 14:13
S93	36	( reject\$4 discern\$4 ) near20 ( smart ic ) near20 ( authent \$10)	US-PGPUB; USPAT	OR	ON	2009/06/23 14:17
S94	9	S89 and S93	US-PGPUB; USPAT	OR	ON	2009/06/23 14:17
S95	786	726/19,20.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/23 14:23

S96	136	S95 and S88	US-PGPUB; USPAT	OR	ON	2009/06/23 14:24
S97	51	((@ad<"20030725") and S96	US-PGPUB; USPAT	OR	ON	2009/06/23 14:24
S98	3528	713/168,170.cds.	US-PGPUB; USPAT	OR	ON	2009/06/23 14:25
S99	369	S88 and S98	US-PGPUB; USPAT	OR	ON	2009/06/23 14:25
S100	215	((@ad<"20030725") and S99	US-PGPUB; USPAT	OR	ON	2009/06/23 14:25
S102	107	S89 and S98	US-PGPUB; USPAT	OR	ON	2009/06/23 14:26
S103	65	((@ad<"20030725") and S102	US-PGPUB; USPAT	OR	ON	2009/06/23 14:26
S104	192	(authenticat\$4 validat\$4 ) near10 (biometric\$1 bio- metric\$1 bio near2 metric\$1 bio adj4 metric\$1 retina fingerprint iris face adj2 outline face finger) same (issu\$4 dispens\$4 giv\$3 disburs\$3 distribut\$4) near10 ( card magnetic adj3 card id adj5 card smartcard smart adj5 card smart near2 card) and (@ad<"20030615")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 18:29
S105	245	(authenticat\$4 validat\$4 ) near10 (biometric\$1 bio- metric\$1 bio near2 metric\$1 bio adj4 metric\$1 retina fingerprint iris face adj2 outline face finger) same (issu\$4 dispens\$4 giv\$3 disburs\$3 distribut\$4) near10 ( card magnetic adj3 card id adj5 card smartcard smart adj5 card smart near2 card) and (@ad<"20040615")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 18:29
S106	210	(authenticat\$4 validat\$4 ) near10 (biometric\$1 bio- metric\$1 bio near2 metric\$1 bio adj4 metric\$1 retina fingerprint iris face adj2 outline face finger) same (issu\$4 dispens\$4 giv\$3 disburs\$3 distribut\$4) near10 ( card magnetic adj3 card id adj5 card smartcard smart adj5 card smart near2 card) and (@ad<"20040615")	US-PGPUB; USPAT	OR	ON	2009/11/06 18:30

S107	169	(authenticat\$4 validat\$4 ) near10 (biometric\$1 bio- metric\$1 bio near2 metric\$1 bio adj4 metric\$1 retina fingerprint iris face adj2 outline face finger) same (issu\$4 dispens\$4 giv\$3 disburs\$3 distribut\$4) near10 ( card magnetic adj3 card id adj5 card smartcard smart adj5 card smart near2 card) and (@ad<"20030615")	US-PGPUB; USPAT	OR	ON	2009/11/06 18:30
S108	0	(authenticat\$4 ) near10 ( card magnetic adj3 card id adj5 card smartcard smart adj5 card smart near2 card) same ( validity near2 term) near10 (useability authority) and (@ad<"20030615")	US-PGPUB; USPAT	OR	ON	2009/11/06 18:34
S109	0	(authenticat\$4 ) near10 ( card magnetic adj3 card id adj5 card smartcard smart adj5 card smart near2 card) same ( validity near2 term) same (useability authority) and (@ad<"20030615")	US-PGPUB; USPAT	OR	ON	2009/11/06 18:34
S110	0	(authenticat\$4 ) same ( card magnetic adj3 card id adj5 card smartcard smart adj5 card smart near2 card) same ( validity near2 term) same (useability authority) and (@ad<"20030615")	US-PGPUB; USPAT	OR	ON	2009/11/06 18:34
S111	1	( card magnetic adj3 card id adj5 card smartcard smart adj5 card smart near2 card) same ( validity near2 term) same (useability authority) and (@ad<"20030615")	US-PGPUB; USPAT	OR	ON	2009/11/06 18:36
S112	1	( card magnetic near2 card smartcard smart adj5 card smart near2 card id near2 card identification near2 card) same ( validity near2 term) same (useability authority) and (@ad<"20030615")	US-PGPUB; USPAT	OR	ON	2009/11/06 18:46
S113	381	( card magnetic near2 card smartcard smart adj5 card smart near2 card id near2 card identification near2 card) near10 ( validat\$4 authenticat\$4 ) same ( term duration ) and (@ad<"20030615")	US-PGPUB; USPAT	OR	ON	2009/11/06 19:27



S114	13	(smartcard card ) near10 (time duration period ) near10 (access adj right) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 12:51
S115	3	(smartcard card ) near10 (duration period ) near10 (access adj right) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 12:56
S116	21760	"726"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/11/11 13:03
S117	23	(smartcard card ) same (duration period ) same (access adj right) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 13:04
S118	5	S116 and S117	US-PGPUB; USPAT	OR	ON	2009/11/11 13:04
S119	3	(smartcard card ) with (duration period ) with (access adj right) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 13:11
S120	0	(validat\$4 ) near20 (smartcard card ) near20 (duration period ) near20 (access adj right) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 13:13
S121	21	(validat\$4 authenticat\$4) near20 (smartcard card ) near20 (duration period term ) near20 (access right) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 13:16
S122	49	(validat\$4 authenticat\$4) near20 (smartcard card ) with (duration period term ) same ( access rights) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 13:40
S124	0	(collect\$4 accumulat\$4) with (card ) with (expir\$4) with (duration period term ) with ( access rights) with (card ) same (record database table ) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 14:07
S125	0	(collect\$4 accumulat\$4) with (card ) with (expir\$4) with (duration period term ) with ( access rights) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 14:08
S126	9	(collect\$4 accumulat\$4) same (card ) same (expir\$4) same (duration period term ) same ( access rights) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 14:09
S127	2	"20020046347"	US-PGPUB; USPAT	OR	ON	2009/11/11 16:58

S128	153	(duration period term ) with ( access rights) with (card ) same (record database table ) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 17:56
S129	4	(collect\$4 ) near6 (smartcard identification adj3 card ATM adj3 card) same (expir\$4 invalid invalidation) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 18:45
S130	1	(collect\$4 ) with (smartcard identification adj3 card ATM adj3 card) with (expir\$4 invalid invalidation) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 18:47
S131	6	(collecting picking taking ) with (smartcard identification adj3 card ATM adj3 card) with (expir\$4 invalid invalidation) and (@ad<"20030725")	US-PGPUB; USPAT	OR	ON	2009/11/11 18:49
S132	1	"6970846".pn.	US-PGPUB; USPAT	OR	ON	2009/12/10 10:15
S133	3	"20020046347"	US-PGPUB; USPAT; USOOR; EPO; DERWENT; IBM_TDB	OR	OFF	2009/12/10 14:35

6/ 9/ 2010 8:19:20 PM

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